



## Twin-DVB-T transcoder COFDM-PAL

UFO 364

20610075



### Features

- DVB-T channel unit for insertion into UFG 3xx UFO® compact base/extension units and the UFG 4xx base units
- Transcodes two TV or radio channels from a COFDM modulated DVB-T channel into two analogue PAL TV channels
- TV standards: B/G, D/K or I
- All essential transmission parameters can be set via the central controller
- Direct selection of TV or radio programme from the received DVB-T channel can directly be chosen due to text shown on the controller display
- Automatic format recognition (4:3 or 16:9). In 16:9 reception choice of either Letterbox or Pan & Scan conversion
- Wide-screen signalling (WSS) so that broadcasts transmitted in 16:9 format are correctly displayed on wide-screen TV sets
- Both output channels can be set individually
- Both output levels can be individually set or switched off via the controller
- Switchable audio/video interface (15-pole SubMin D socket) in the Twin A channel unit
- Adjacent channel compatible
- Videotext and VPS insertion
- Audio modes: mono, stereo, dual/2-tone (if two different audio signals are transmitted on one audio-PID)
- DVB and teletext subtitling
- Teletext deactivation and LED display suppression (separate (de)activation)
- Black screen generation for radio on a TV channel, e.g. in hotels (possible in both channels; DVB-Tsignal is required for black screen generation)
- Radio text to show the broadcaster name or a user-defined text
- Software updates via controller interface
- Can be extended with Common Interface retrofit set UFZ 394 to accommodate two CA modules
- Read-out and operation of CAM menu using the OSD of a test TV set
- Required central controller software version: as of V 9.31
- Permissible ambient temperature for operation in:
  - base unit with extraction fan (UFG 412): -20 to +50 °C
  - base/extension unit without extraction fan (UFG 3xx): -20 to +40 °C
- Dimensions (W x H x D) in mm: 265 x 27 x 170
- Packing unit/weight (pc./kg): 1/0.7



### Technical data

Type Order no.	Frequency range (MHz)		Input level (dBµV)	Signal-to-noise ratio <sup>3)</sup> S/N weighted (dB)	Max. output level/ setting range (dBµV)	Video/audio carrier level spacing T1/T2 (dB)	Current drain (V/mA)
	Input 47-862 <sup>1)</sup>	Output 47-100/110-862 <sup>2)</sup>					
<b>UFO 364</b> 20610075	<b>Ch</b>	<b>Ch Ch</b>	40-90	60	91/81-91	16/20	5/700 12.5/600 31/9

<sup>1)</sup> Settable in the 6/7/8 MHz channel plan, fine tuning in 100 kHz steps

<sup>2)</sup> Settable in the 6/7/8 MHz channel plan, fine tuning in 100 kHz steps

<sup>3)</sup> Channel unit's intrinsic value